



## LITHUANIAN SPORTS UNIVERSITY

### STUDY MODULE PROGRAMME (SMP)

Module Code	S	274	B	059	Accredited until			Renewal date		
	Branch of Science		Progr.	Registr. №.						

#### Entitlement

Research Methodology I

#### Prerequisites

Introduction to University Studies, Philosophy of Science

#### Course (module) Learning Outcomes

№.	Learning Outcomes	Teaching / Learning Methods	Assessment Methods
1		Discussion, One-to-one tutorials, Practical exercises (tasks)	Background reading, Individual work, Scientific paper (text) analysis
2		Discussion, Formal lecture, Literature analysis	Background reading, Individual work
3		Case analysis (Case study), Literature analysis	Course project, Individual project
4		Literature analysis, Scientific paper analysis	Course project, Individual work

#### Main aim

Based on knowledge of science educate capabilities of critical thinking, working independently, understand basical terms of scientific research, analyse scientific information, to plan scientific research.

#### Summary

Essence of scientific work. The distinguishing features of science. Types and design of research. Technique of scientific research. Organizing procedure of research. Peculiarities of scientific work organization. Conceptions of scientific methods (theoretical and empirical). Representation forms of empirical data. Theoretical analysis of the data and conclusions. Key issues in research ethics.

#### Level of module

Level of programme		Subject group (under the regulation of the area)
Cycle	Type	
First	Bachelor	Specialaus lavinimo

#### Group under financial classification

#### Syllabus

№.	Sections and themes	Responsible lecturer
1.	Essence of thesis. Features of science. Principles of research ethics	33 prof. dr. Saulius Šukys
2.	Process of scientific research. Search for scientific literature, databases. Analysis of scientific literature	33 prof. dr. Saulius Šukys
3.	Research problem, object, aim and objectives. Raising hypothesis	33 prof. dr. Saulius Šukys
4.	The conception of research method. Qualitative and quantitative research. Sample and sampling	33 prof. dr. Saulius Šukys
5.	Quantitative research.	1708 Alma Paškevičė
6.	Qualitative data collection methods. Interview, qualitative observation	1708 Alma Paškevičė
7.	Judging the quality of qualitative research. Analysing qualitative data	1708 Alma Paškevičė
8.	Qualitative research data presentation	1708 Alma Paškevičė
9.	Discussion and conclusions	33 prof. dr. Saulius Šukys

Evaluation procedure of knowledge and abilities:

References

№.	Title	Edition in Lithuanian Sports University library		In Lithuanian Sports University bookstore	Number of ex. in the methodical cabinet of the depart.
		Pressmark	Number of exemplars		
1.	Creswell, J.W. (2023). Research design: Qualitative, quantitative, and mixed methods approaches. Thousand Oaks: Sage.	303.02	1	No	
2.	Kardelis, K. (2016). Mokslinių tyrimų metodologija ir metodai : edukologija ir kiti socialiniai mokslai : vadovėlis. Vilnius: Mokslo ir enciklopedijų leidybos centras.	00Ka413	5	No	1
3.	Kumar, R. (2019). Research methodology: A step-by-step guide for beginners. London: Sage.	00 Ku-171	2	No	1
4.	Nigg, C. R., Fuchs, R., Gerber, M., Jekauc, D., Koch, T., Krell-Roesch, J., ... & Woll, A. (2020). Assessing physical activity through questionnaires—A consensus of best practices and future directions. <i>Psychology of Sport and Exercise</i> , 50, 101715.			No	1
5.	Newhart, M., & Patten, M.L. (2023). Understanding research methods: An overview of the essentials. Routledge.	001.891	1	No	1
6.	Siddaway, A. P., Wood, A. M., & Hedges, L. V. (2019). How to do a systematic review: a best practice guide for conducting and reporting narrative reviews, meta-analyses, and meta-syntheses. <i>Annual review of psychology</i> , 70, 747-770.			No	
7.	Sparkes, A.C., Smith, B. (2014). Qualitative research methods in sport, exercise and health. From practice to product. London: Routledge.	796,01 Sp-11	1	No	5
8.	Thomas, J.R., Martin, P. E., Etnier, J. L., & Silverman, S.J. (2023). Research methods in physical activity (8th edition). Human Kinetics: Champaign	796,01 Th31	1	No	
9.	Thomas, J.R., Martin, P. E., Etnier, J. L., & Silverman, S.J. (2023). Research methods in physical activity (8th edition). Human Kinetics: Champaign	796,01 Th31	1	No	
10.	Žydžiūnaitė, V. (2017). Kokybiniai tyrimai: principai ir metodai : vadovėlis socialinių mokslų studijų programų studentams. Vilnius: Vaga	00 Ži21	2	No	

Additional literature

№.	Title
1.	Akyıldız, S. T., & Ahmed, K. H. (2021). An overview of qualitative research and focus group discussion. <i>International Journal of Academic Research in Education</i> , 7(1), 1-15.
2.	Cleland, J., Dixon, K., & Kilvington, D. (2019). Online research methods in sport studies. Routledge.
3.	Gaižauskaitė, I., ir Mikėnė, S. (2014). Socialinių tyrimų metodai: apklausa. Vilnius.. Prieiga internetu: <a href="https://repository.mruni.eu/bitstream/handle/007/16910/9789955196426.pdf?sequence=1&amp;isAllowed=y">https://repository.mruni.eu/bitstream/handle/007/16910/9789955196426.pdf?sequence=1&amp;isAllowed=y</a>
4.	Gaižauskaitė, I., ir Valavičienė, N. (2016). Socialinių tyrimų metodai: kokybinis interviu. Vilnius. Prieiga internetu: <a href="https://repository.mruni.eu/bitstream/handle/007/16724/9789955302056.pdf?sequence=1&amp;isAllowed=y">https://repository.mruni.eu/bitstream/handle/007/16724/9789955302056.pdf?sequence=1&amp;isAllowed=y</a>
5.	Knott, E., Rao, A. H., Summers, K., & Teeger, C. (2022). Interviews in the social sciences. <i>Nature Reviews Methods Primers</i> , 2(1), 73.

№.	Title
6.	Leavy, P. (2023). Research design: quantitative, qualitative, mixed methods, arts-based, and community-based participatory research approaches. The Guilford press
7.	Maslauskaitė, A. (2008). Mokslo tiriamojo darbo metodologijos pagrindai. Vilnius: Generolo Žemaičio Lietuvos karo akademija.
8.	Molnar, G. & Purdy, L. (2015). Ethnographies in Sport and Exercise Research. London: Routledge
9.	Page, M. J., Moher, D., Bossuyt, P. M., Boutron, I., Hoffmann, T. C., Mulrow, C. D., ... & McKenzie, J. E. (2021). PRISMA 2020 explanation and elaboration: updated guidance and exemplars for reporting systematic reviews. <i>bmj</i> , 372.
10.	Phillips, S. M., Summerbell, C., Hobbs, M., Hesketh, K. R., Saxena, S., Muir, C., & Hillier-Brown, F. C. (2021). A systematic review of the validity, reliability, and feasibility of measurement tools used to assess the physical activity and sedentary behaviour of pre-school aged children. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 18(1), 1-28.

Coordinating lecturer

Position	Degree, surname, name	Schedule №.
Professor		33

Subdivision

Entitlement	Code
Department of Physical and Social Education	1006

### Study module teaching form №. 1

Semester	Mode of studies	Structure				Total hours	Credits	
		Theory	Seminars	Lab Works	Ind. work			
A	S	D	11	19	0	100	130	5

Languages of instruction:

Lithuanian	L	English	E	Russian	R	French	F	German	G	Other	Oth.
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Plan of in-class hours

№. of Themes	Academic hours			№. of Themes	Academic hours		
	Theory	Seminars	Lab Works		Theory	Seminars	Lab Works
1.	1	0	0	6.	1	2	0
2.	2	2	0	7.	1	2	0
3.	2	5	0	8.	0	2	0
4.	2	5	0	9.	1	0	0
5.	1	1	0				
				Total:	11	19	0

Schedule of individual work tasks and their influence on final grade

	№. of syllabus	Total hours	Influence on grade, %	Week of presentment of task (*) and reporting (o)																
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17-20
Literature analysis	2,3	30	25			*	0													
Individual Homework	1,2,3	20	25				*	0												
Individual Homework	3,4,5	15	20					*	0											
Course project	6-8	35	30						*	0										
Total:	-	100	100																	

### Study module teaching form №. 2

Semester	Mode of studies	Structure				Total hours	Credits	
		Theory	Seminars	Lab Works	Ind. work			
A	S	N	11	19	0	100	130	5

